

**LIST OF CERTIFIED WATER
FLOWMETERS**
(Implementing Kansas Administrative Regulation 5-1-12)



The following water flowmeters have been certified by their manufacturers to be in compliance with the Kansas specifications for water flowmeters as defined in Kansas Administrative Regulation (K.A.R.) 5-1-4. These flowmeters are acceptable for use where the Chief Engineer has required a water flowmeter pursuant to K.A.R. 5-1-7. In addition, if the Chief Engineer has required a water flowmeter, the flowmeter must be installed to conform with specifications in K.A.R. 5-1-6 and maintained in compliance (see K.A.R. 5-1-8 and 5-1-9).

Note: Certification of a water flowmeter model does not indicate endorsement by the Chief Engineer, the Division of Water Resources, or the Department of Agriculture.

Manufacturer	Model name or number	(Type & Size)
ABB Water Meters, Inc.	Model T-3000	(Turbine 1½" - 8")
ABB Water Meters, Inc.	Model C-3000	(Compound 2", 3", 6", 8")
ABB Water Meters, Inc.	Model H-3000	(Turbine 3")
ABB Water Meters, Inc.	Model C-700	(Positive displacement 5/8" to 2")
ABB Water Meters, Inc.	Model MFE w/MFE4 register (Vendor will provide bolt w/hole for sealing)	(Full Bore Electromagnetic ½" to 24")
ABB Water Meters, Inc.	Model MFF w/MFE4 register (Vendor will provide bolt w/hole for sealing)	(Full Bore Electromagnetic 28" to 84")
AMCO Water Metering	Aquamaster Electronic Water Meter	(Magnetic 5/8" to 24")
Badger Meter, Inc.	Model 160	(Turbine 1.5")
Badger Meter, Inc.	Model 200	(Turbine 2")
Badger Meter, Inc.	Model 450	(Turbine 3")
Badger Meter, Inc.	Model 1000	(Turbine 4")
Badger Meter, Inc.	Model 2000	(Turbine 6")
Badger Meter, Inc.	Model 3500	(Turbine 8")
Badger Meter, Inc.	Model 5500	(Turbine 10")
Badger Meter, Inc.	Model 6200	(Turbine 12")
Badger Meter, Inc.	Model 6600	(Turbine 16")
Badger Meter, Inc.	Model 10000	(Turbine 20")
Dieterich Standard, Inc.	All models are differential pressure insertion tubes fitting pipes from 4" to 42".	
Dieterich Standard, Inc.	Probar, model PBR+25S (HAMSO, MP4CO, 2, A, 1, A, M, T1, QD1) with totalizer by M&D controls and mounted in a flowtube with straightening vanes.	
Dieterich Standard, Inc.	Probar, model PNF+10S (HVMSO, FAS, 2, A, 1, A, M, T1, QD1) with totalizer by M&D controls and mounted in a flowtube with straightening vanes.	
Dieterich Standard, Inc.	ES Pro, model PSR+26S (MM4CO, 2, 2, MD4CO, 2, QD1, QD2, QS1, T1) with totalizer by M&D controls and mounted in a flowtube with straightening vanes.	
Endress + Hauser, Inc.	Series Proline Promag 50W	(Magnetic 1" to 78")
Endress + Hauser, Inc.	Series Proline Promag 50P	(Magnetic 1/2" to 24")
Endress + Hauser, Inc.	Series Proline Promag 50H	(Magnetic 1/12" to 4")
Hersey Meters	Horizon	(Turbine 1½", 2", 3", 4", 6", 8", 10")
Hersey Meters	MVR 30	(Vertical turbine ¾" x ½")
Hersey Meters	MVR 30A	(Vertical turbine ¾")
Hersey Meters	MVR 30B	(Vertical turbine ¾" x 1 in)
Hersey Meters	MVR 50	(Vertical turbine 1")
Hersey Meters	MVR 100	(Vertical turbine 1½")
Hersey Meters	MVR 160	(Vertical turbine 2")
Hersey Meters	MVR 350	(Vertical turbine 3")
Hersey Meters	MVR 650	(Vertical turbine 4")
Hersey Meters	MVR 1300	(Vertical turbine 6")
Krohne, Inc.	IFS 4000 KC (Enviromag) w/IFC 010K signal converter	(Magnetic 1" - 12")
Master Meter, Inc.	Model #MJ04	(Multi-jet 5/8"x ½")
Master Meter, Inc.	Model #MJ05	(Multi-jet 5/8"x3/4")

Manufacturer	Model name or number	(Type & Size)
Master Meter, Inc.	Model #MJ06	(Multi-jet 3/4"-7 1/2" long)
Master Meter, Inc.	Model #MJ07	(Multi-jet 3/4"-9" long)
Master Meter, Inc.	Model #MJ08	(Multi-jet 3/4"x1")
Master Meter, Inc.	Model #MJ09	(Multi-jet 1")
Master Meter, Inc.	Model #MJ10	(Multi-jet 1 1/2" threaded end)
Master Meter, Inc.	Model #MJ11	(Multi-jet 1 1/2" flanged end)
Master Meter, Inc.	Model #MJ12	(Multi-jet 2" threaded end)
Master Meter, Inc.	Model #MJ13	(Multi-jet 2" flanged end)
Master Meter, Inc.	Series MMT, model TM11	(Turbine 1 1/2")
Master Meter, Inc.	Series MMT, model TM13	(Turbine 2")
Master Meter, Inc.	Series MMT, model TM14	(Turbine 3")
Master Meter, Inc.	Series MMT, model TM15	(Turbine 4")
Master Meter, Inc.	Series MMT, model TM16	(Turbine 6")
Master Meter, Inc.	Series MMT, model TM17	(Turbine 8")
McCrometer	Model MF100 (with straightening vanes)	(Propeller 2" to 12")
McCrometer	Model MG100 (with straightening vanes)	(Propeller 3" to 24")
McCrometer	Model ML100 (with straightening vanes)	(Propeller 6" to 12")
McCrometer	Model MS100 (with straightening vanes)	(Propeller 3" to 24")
McCrometer	Model MT100 (with straightening vanes)	(Propeller 3" to 4")
McCrometer	Model MO300 (mounted in flowtube with straightening vanes)*	(Propeller 4" to 16")
McCrometer	Model MD300 (mounted in flow tube with straightening vanes)*	(Propeller 4" to 16")
McCrometer	Model MW500	(Propeller 2" to 24")
McCrometer	Model MZ500	(Propeller 2" to 24")
McCrometer	Model QW500	(Propeller 2" to 24")
McCrometer	Model QZ500	(Propeller 2" to 24")
McCrometer	Model SW500	(Propeller 4" to 36")
McCrometer	Model SZ500	(Propeller 4" to 36")
McCrometer	Model MM800	(Propeller 3" to 24")
McCrometer	Model MW800	(Propeller 3" to 24")
McCrometer	Model MG900	(Propeller 2" to 24")
McCrometer	Model MT900	(Propeller 2" to 24")
McCrometer	Model MW900	(Propeller 2" to 24")
McCrometer	Model V2150	(Differential Pressure 4" - 18")
McCrometer	Model V2300	(Differential Pressure 4" - 18")
Neptune Technology	T-10	(Positive Displacement 5/8" to 2")
Neptune Technology	T-10 Double Check	(Positive Displacement 5/8")
Neptune Technology	HP Turbine	(Turbine 1 1/2" to 20")
Neptune Technology	HP Fire Service Turbine	(Turbine 3" to 10")
Neptune Technology	TRU/FLO Compound	(Positive Displacement/Turbine 2" to 8")
	(All Neptune Turbine meters must be installed with optional strainer upstream and with minimum 2 special order SB44 bolts)	
Netafim USA	Model WT (flowtube manufactured by Arad Ltd)	(Turbine 2" to 12")
Netafim USA	WMR (manf by ARAD Ltd)	(Turbine 2")
Netafim USA	WST (manf by ARAD Ltd)	(Turbine 2" to 8")
SeaMetrics	AG1000 w/built in register display	(Full-bore Electromagnetic 4" - 12")
SeaMetrics	AG 1100 w/built in register display	(Full-bore Electromagnetic 4" - 12")
SeaMetrics	AG 2000 w/built in register display	(Full-bore Electromagnetic 4" - 12")
SeaMetrics	AG 2100 w/built in register display	(Full-bore Electromagnetic 4" - 12")
Sensus Metering Systems, Inc.	Model 101	(Propeller 3" tp 36")
Sensus Metering Systems, Inc.	SRH Compound	(Compound turbine, piston 2" - 6")
Sensus Metering Systems, Inc.	Series "W"	(Turbo 1 1/2" - 16")
Sensus Metering Systems, Inc.	PMX	(Multi-jet 5/8" - 2")
Sensus Metering Systems, Inc.	PMM	(Multi-jet 5/8" - 2")
Sensus Metering Systems, Inc.	Magnum II Type-C	Turbine 2" - 12")
Sensus Metering Systems, Inc.	Magnum II Type-S	(Turbine 1 1/2" - 8")
Sparling	Model FM 102 w/FT190, FT191 or FT193 totalizer**	(Propeller 4" to 14")
Sparling	Model FM 103 w/FT190, FT191 or FT193 totalizer**	(Propeller 4" to 14")
Sparling	Model FM 104 w/FT194 totalizer**	(Propeller 4" to 14")

Manufacturer	Model name or number	(Type & Size)
Sparling	Model FM 182 w/FT190, FT191 or FT193 totalizer	(Propeller 16" to 72")
Sparling	Model FM 183 w/FT190, FT191 or FT193 totalizer	(Propeller 16" to 30")
Sparling	Model FM 184 w/FT194 totalizer	(Propeller 16" to 72")
Sparling	Model FM 312 w/FT190, FT191 or FT193 totalizer**	(Propeller 4" to 14")
Sparling	Model FM 314 w/FT194 totalizer**	(Propeller 4" to 14")
Sparling	Tigermag EP FM 626	(Full Bore Electromagnetic 0.1" to 4")
Sparling	Tigermag EP FM 627	(Full Bore Electromagnetic 1" to 4")
Sparling	Tigermag EP FM 656	(Full Bore Electromagnetic 0.5" to 72")
Sparling	Tigermag EP FM 657	(Full Bore Electromagnetic 6" to 48")
	(Tigermag EP models must be ordered with custom password)	
Water Specialties, Inc.	Model LP-31 and LP-31-D (with flowtube)	(Propeller 4" to 20")
Water Specialties, Inc.	Model LP-32 and LP-32-D (with flowtube)	(Propeller 6" to 20")
Water Specialties, Inc.	Model LP-03 and LP-03-D	(Propeller 4" to 16")
Water Specialties, Inc.	Model LP-04 and LP-04-D	(Propeller 4" to 16")
Water Specialties, Inc.	Model LP-11 and LP-11-D	(Propeller 4" to 12")
Water Specialties, Inc.	Model LP-12 and LP-12-D	(Propeller 4" to 16")
Water Specialties, Inc.	Model ML-03 and ML-03-D	(Propeller 3" to 48")
Water Specialties, Inc.	Model ML-04 and ML-04-D	(Propeller 3" to 48")
Water Specialties, Inc.	Model ML-07 and ML-07-D	(Propeller 3" to 48")
Water Specialties, Inc.	Model ML-08 and ML-08-D	(Propeller 3" to 48")
Water Specialties, Inc.	Model ML-11 and ML-11-D	(Propeller 3" to 48")
Water Specialties, Inc.	Model ML-12 and ML-12-D	(Propeller 3" to 48")
Water Specialties, Inc.	Model VF-29 and VF29-D	(Propeller 4" to 20")
Water Specialties, Inc.	Model VF-30 and VF-30-D	(Propeller 4" to 20")
Water Specialties, Inc.	Model UM-06-R	(Magnetic 2" to 48")
Water Specialties, Inc.	Model UM-08-R	(Magnetic 2" to 20")
Yokogawa Corp.	Model digitalYEWFO(DYxx) (with straightening vanes)	(Vortex 0.5" to 12")
Yokogawa Corp.	Model Yewflo YF100, style E (with straightening vanes)	(Vortex 0.5" to 12")
Yokogawa Corp.	Model Admag AE series	(Magnetic 0.1" to 16")
Yokogawa Corp.	Model Admag AM series	(Magnetic 0.1" to 8")
Yokogawa Corp.	Model Admag AXF w/integral or remote AXFA14 or AXFA11 converter (Admag models must be tagged and password protected by vendor)	(Full Bore Electromagnetic 0.1" to 104")
Yokogawa Corp.	Model Admag SE w/SE14 converter (Admag models must be tagged and password protected by vendor)	(Full Bore Electromagnetic 0.5" to 104")

* Flow tubes manufactured in accordance with Great Plains Meter flow tube specifications dated 07-19-2002, by T-L Irrigation, Hastings, NE, Republican Valley Irrigation, Clay Center, KS, Ace Irrigation and Manufacturing, Kearney, NE, or GLB Meters, Hugoton, KS, Central Valley Irrigation, Inc. (McCrometer MO 300 Models only), may be used.

** Models for nominal 4 inch pipe size must have bolt-in vanes in tube.

End of list as of 03/10/2006.